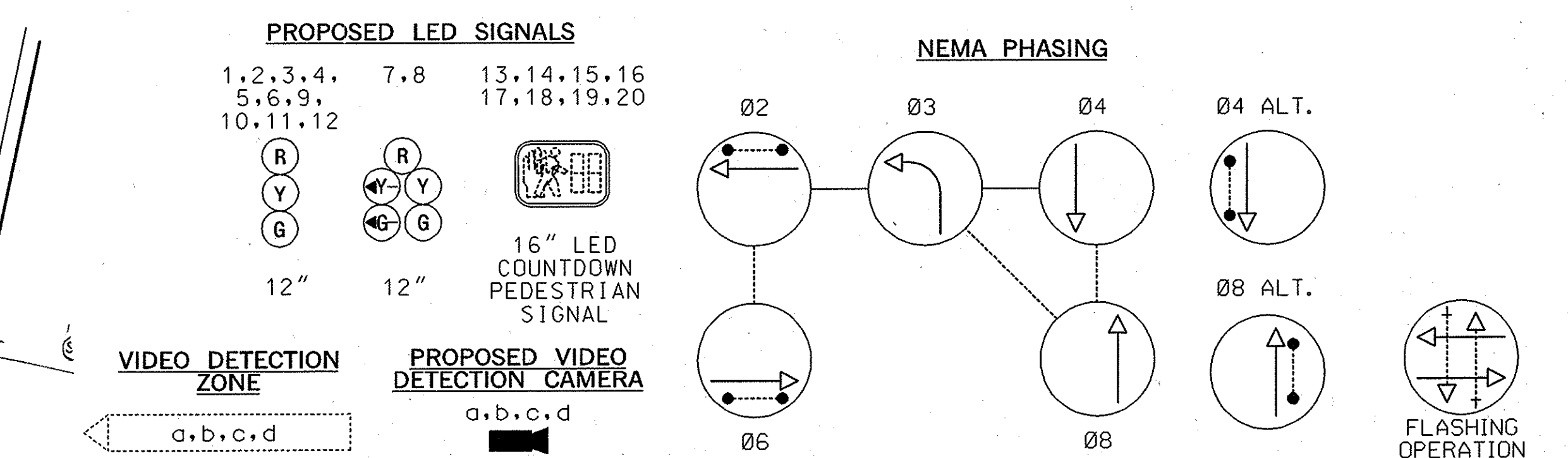


- MD 108 IS ASSUMED TO RUN IN AN EAST / WEST DIRECTION
- PROPOSED SIGNS**
- 23a, 23b, 25, 38, 34, 36, 35, 32, 31, 28, 27
- LANE ENDS MERGE LEFT
- W9-2(4) (30"x42") SHIELD ASSEMBLY (48"x75") (48"x75")
- 24a, 24b, D-3(1) (VAR. X16") DUAL FACE
- CONSTRUCTION DETAILS**
- A. INSTALL CONCRETE FOUNDATION WITH A NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON BASE UNIT. (NOTE: TWO-2 IN. AND THREE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 7+14, 47' LT.
- B. INSTALL 200 AMP METERED SERVICE PEDESTAL. (NOTE: ONE-4 IN. AND TWO-2 IN. SCHEDULE 80, 90-DEGREE CONDUIT BENDS IN PEDESTAL BASE).
- C. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH TWIN 50 FT. AND 70 FT. MAST ARMS (30"x51") (30"x51") WITH LED SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT LUMINAIRE, AND OVERHEAD VIDEO DETECTION CAMERAS MOUNTED ON MAST ARMS. (NOTE: TWO-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 7+26, 53' LT.
- D. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM WITH LED SIGNAL HEADS, SIGNS, 20 FT. LIGHTING ARM, 250 WATT LUMINAIRE, AND OVERHEAD VIDEO DETECTION CAMERA MOUNTED ON MAST ARM. (NOTE: TWO-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 8+20, 40' RT.
- CONSTRUCTION DETAILS (CONT.)**
- E. INSTALL CONCRETE FOUNDATION WITH 27 FT. STEEL POLE WITH SINGLE 50 FT. MAST ARM WITH LED SIGNAL HEADS, SIGNS, WEATHER HEAD, 3 IN. PVC RISER, AND 20 FT. LIGHTING ARM FOR MONTGOMERY COUNTY SURVEILLANCE CAMERA. (NOTE: TWO-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA. 7+25, 52' RT.
- F. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE WITH 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-4(1)(MOD) SIGN (TO READ "PUSH BUTTON TO CROSS NEW HAMPSHIRE AVE"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH TYPE 2 INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 7+44, 50' RT., STA. 8+07, 44' RT., STA. 7+67, 86' LT., STA. 8+34, 67' LT.
- G. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE WITH 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-4(1)(MOD) SIGN (TO READ "PUSH BUTTON TO CROSS OLNEY SANDY SPRING RD"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH TYPE 2 INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 8+53, 17' RT., STA. 8+53, 46' LT.
- H. INSTALL CONCRETE FOUNDATION WITH 10 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE WITH 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-4(1)(MOD) SIGN (TO READ "PUSH BUTTON TO CROSS OLNEY SANDY SPRING RD"), AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH TYPE 2 INTERNATIONAL BRAILLE ON FACE PLATE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA. 7+06, 36' RT., STA. 7+07, 35' LT.
- I. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED (STUB UP AT BASE OF UTILITY POLE).
- J. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- K. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- L. INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- M. INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED.
- N. INSTALL HANDHOLE.
- P. INSTALL 24 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED PAVEMENT MARKING FOR STOP LINE.
- Q. INSTALL 12 IN. HEAT APPLIED, WHITE PERMANENT PREFORMED PAVEMENT MARKING FOR CROSSWALK.
- R. DISCONNECT AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.
- S. INSTALL DETECTABLE WARNING SURFACES ON RAMP.

GEOMETRIC LEGEND	
	EXISTING
	PROPOSED

UTILITY LEGEND	
	STORM DRAIN
	GAS MAIN
	WATER MAIN
	SEWER MAIN
	ELECTRIC CABLES
	AERIAL CABLES
	TELEPHONE CABLES
	FIBER-OPTIC



- PROPOSED SIGNS BY OTHERS**
- 26, 33, 30, 29
- NORTH, SOUTH, MARYLAND, 650
- GENERAL NOTES**
1. DISCONNECTING AND RELOCATING OF EXISTING SPLICE CABINET AND INTERCONNECT CABLE SHALL BE DONE BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL RUN THE INTERCONNECT CABLE INTO THE BASE OF THE SIGNAL CABINET AND PROPERLY LABEL THE CABLE. CONTACT MR. KAMAL HAMUD OF MONTGOMERY COUNTY'S TRANSPORTATION MANAGEMENT CENTER AT (240) 777-8761 AT LEAST 72 HOURS PRIOR TO STARTING WORK TO IDENTIFY INTERCONNECT.
  2. THE REMOVAL AND RELOCATION OF THE EXISTING SURVEILLANCE CAMERA SHALL BE DONE BY MONTGOMERY COUNTY FORCES. THE CONTRACTOR SHALL CONTACT MR. MIKE KINNEY OF MONTGOMERY COUNTY AT (240) 777-8760 PRIOR TO THE RELOCATION OF THE CAMERA.
  3. VIDEO DETECTION LOCATION / ALIGNING SHALL BE COORDINATED WITH MR. KAMAL HAMUD OF MONTGOMERY COUNTY'S TRANSPORTATION MANAGEMENT CENTER.
  4. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
  5. FOR FINAL PAVEMENT MARKINGS, OTHER THAN THOSE DETAILED ON THE PLAN, REFER TO THE PAVEMENT MARKING PLANS. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
  6. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT EXCEPT THE CONTROLLER UNIT SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
  7. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCCELL.
  8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE, EXCLUDING INTERCONNECT, TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
  9. ALL EXISTING UTILITIES WITHIN THE INTERSECTION ARE PROPOSED TO BE RELOCATED BELOW GRADE.
  10. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND AND ULTIMATE OVERHEAD UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

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APPROVALS	REVISIONS
TEAM LEADER, TRAFFIC ENGINEERING DIVISION	03/07 SIGNAL RECONSTRUCTION DUE TO GEOMETRIC IMPROVEMENTS. MD3175187
ASST. CHIEF TRAFFIC ENGINEERING DIVISION	09/05 REDRAWN TO RELOCATE POLE DUE TO WIDENING OF SB 650
CHIEF TRAFFIC ENGINEERING DIVISION	04/11/75
DIRECTOR, OFFICE OF TRAFFIC & SAFETY	AS BUILT

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION MD 650 (NEW HAMPSHIRE AVE) AT MD 108 (OLNEY SANDY SPRING RD / ASHTON RD) ASHTON, MARYLAND	
<b>TRAFFIC SIGNAL PLAN</b>	
SCALE 1" = 20'	DATE 8-18-73 CONTRACT NO. M-147-000-385
DESIGNED BY J. GORDON	COUNTY MONTGOMERY
DRAWN BY MATTHAI	LOGMILE 15010816.57
CHECKED BY A. BUDNICHUK	TMS NO. F144
	TOD NO.
TS NO. 1009D	DRAWING PSG OF P001 SHEET NO. OF

PLOTTED: Tuesday, March 13, 2007 AT 02:20 PM  
FILE: R:\2006\47\Task 60\Draw\Signal\PSG-P001\_MD108.dgn